

Leak detector

testo Sensor LD

Robustness and a low weight ensure non-tiring use in industrial surroundings

Improved detection of leaks thanks to sound funnel

Modern, high-capacity Lithium ion rechargeable battery

Operating time min. 10h

Easy operation via membrane keypad



Gases escaping from leaks in pipe systems (e.g. corrosion, untight screw connections etc.) cause noises in the ultrasonic range. With the testo Sensor LD, even the smallest leaks, which are not audible for the human ear, and due to their size are not visible, can already be localized from several metres away. The testo Sensor LD converts the inaudible ultrasound into audible frequencies. These sounds can be perceived even in loud surroundings with the comfortably worn, sound-proof headphones.

The testo Sensor LD leak detector stands out thanks to its highly accurate sensor technology and improved support in the detection of leaks (e.g. in compressed air, gas, steam and vacuum systems, refrigeration systems, door seals). With the help of an integrated laser pointer which acts as a sighter, the leak can be more accurately localized.

Technical data

testo Sensor LD

Included in delivery:
testo Sensor LD leak detector for
compressed air systems incl. transport
case, sound-proof headphones,
directional tube with tip, mains plug unit,
sound funnel



Order no. 8800 0301

Working frequency	40 kHz +/- 2 KHz
Connections	3.5 mm phone jack for headphones Mains unit port for connecting an external charger
Laser	Wavelength: 645 to 660 nm Output: < 1 mW (laser class 2)
Operating time	10 hrs
Charge time	approx. 1.5 h
Operating temperature	0 to 40 °C
Storage temperature	-10 °C to +50°C
Standard	Corresponds to the requirements of Class 1 instruments of the "Standard Test Method for leaks using Ultrasonic" (ASTM Int. - E1002-05)

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Subject to change, including technical modifications.